

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	107466	(resonator or cantilever or microcantilever or microresonator)	US-PGPUB; USPAT	OR	ON	2008/06/15 11:06
L2	2698759	optical or light or laser or led or infrared or electromagnetic	US-PGPUB; USPAT	OR	ON	2008/06/15 11:06
L3	16416	1 near3 2	US-PGPUB; USPAT	OR	ON	2008/06/15 11:07
L4	4646	frequency same 3	US-PGPUB; USPAT	OR	ON	2008/06/15 11:07
L5	88786	(resonant or resonance) near3 frequency	US-PGPUB; USPAT	OR	ON	2008/06/15 11:07
L6	1423	3 same 5	US-PGPUB; USPAT	OR	ON	2008/06/15 11:08
L7	1004981	(vibrat\$6 or acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or microsonic\$4 or microsound\$4 or megasonic\$4 or megasound\$4 or macrosonic\$4 or macrosound\$4 or infrasonic\$4 or infrasound\$4)	US-PGPUB; USPAT	OR	ON	2008/06/15 11:08
L8	223	6 same (7 or seismic)	US-PGPUB; USPAT	OR	ON	2008/06/15 11:10
L9	3	3 same hearing	US-PGPUB; USPAT	OR	ON	2008/06/15 11:20
L10	4237	2 same hearing	US-PGPUB; USPAT	OR	ON	2008/06/15 11:20
L11	1669	2 same (hearing near3 (aid or device))	US-PGPUB; USPAT	OR	ON	2008/06/15 11:21
L12	201293	2 near3 (waveguide or fiber or fibre)	US-PGPUB; USPAT	OR	ON	2008/06/15 11:22
L13	28	12 same (hearing near3 (aid or device))	US-PGPUB; USPAT	OR	ON	2008/06/15 11:22
L14	104451	(resonator or cantilever or microcantilever or microresonator)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 11:26

L15	3256068	optical or light or laser or led or infrared or electromagnetic	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 11:27
L16	15545	14 near3 15	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 11:27
L17	2016	frequency same 16	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 11:27
L18	50124	(resonant or resonance) near3 frequency	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 11:28
L19	352	16 same 18	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 11:28
L20	998746	(vibrat\$6 or acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or supersonic\$4 or supersound\$4 or microsonic\$4 or microsound\$4 or megasonic\$4 or megasound\$4 or macrosonic\$4 or macrosound\$4 or infrasonic\$4 or infrasound\$4)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 11:28
L21	26	19 same (20 or seismic)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 11:29
L22	2	16 same hearing	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 11:31
L23	890	15 same hearing	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 11:31
L24	459	15 same (hearing near3 (aid or device))	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 11:31

L25	253317	15 near3 (waveguide or fiber or fibre)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 11:32
L26	11	25 same (hearing near3 (aid or device))	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 11:32
L27	19	(29/896.21).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/06/15 11:36
L28	1593	((381/312) or (381/313) or (381/328)).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/06/15 11:38
L29	590	28 and 2	US-PGPUB; USPAT	OR	ON	2008/06/15 11:38
L30	23	29 and 1	US-PGPUB; USPAT	OR	ON	2008/06/15 11:39
L31	968	((73/649) or (73/651) or (73/655-657)).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/06/15 11:40
L32	316	(73/643).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/06/15 11:40
L33	888	(31 or 32) and 2	US-PGPUB; USPAT	OR	ON	2008/06/15 11:41
L34	114	33 and 1	US-PGPUB; USPAT	OR	ON	2008/06/15 11:41
S1	3653	(resonator or cantilever or microcantilever or microresonator) with array	US-PGPUB; USPAT	OR	ON	2008/06/15 09:33
S2	1254	(optical or laser or light) same ((resonator or cantilever or microcantilever or microresonator) with array)	US-PGPUB; USPAT	OR	ON	2008/06/15 09:33
S3	110	((optical or laser or light) same ((resonator or cantilever or microcantilever or microresonator) with array)) same (vibrat\$6 or acoustic\$4 or sonic \$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or microsonic\$4 or microsound\$4 or megasonic\$4 or megasound\$4 or macrosonic\$4 or	US-PGPUB; USPAT	OR	ON	2008/06/15 09:33

S4	14683	((optical or laser or light) near5 (waveguide or guide or fiber or fibre)) same (vibrat\$6 or acoustic\$4 or sonic \$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or microsonic\$4 or microsound\$4 or megasonic\$4 or megasound\$4 or macrosonic\$4 or macrosound\$4)	US-PGPUB; USPAT	OR	ON	2008/06/15 09:33
S5	264	((((optical or laser or light) near5 (waveguide or guide or fiber or fibre)) same (vibrat\$6 or acoustic\$4 or sonic \$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or microsonic\$4 or microsound\$4 or megasonic\$4 or megasound\$4 or macrosonic\$4 or macrosound\$4)) same (frequency near3 resonan\$4)	US-PGPUB; USPAT	OR	ON	2008/06/15 09:33
S6	1	(((((optical or laser or light) near5 (waveguide or guide or fiber or fibre)) same (vibrat\$6 or acoustic\$4 or sonic \$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or microsonic\$4 or microsound\$4 or megasonic\$4 or megasound\$4 or macrosonic\$4 or macrosound\$4)) same (frequency near3 resonan\$4)) same (hearing or hear or audio or ear)	US-PGPUB; USPAT	OR	ON	2008/06/15 09:33

S7	393	((optical or laser or light) near5 (waveguide or guide or fiber or fibre)) same (vibrat\$6 or acoustic\$4 or sonic \$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or microsonic\$4 or microsound\$4 or megasonic\$4 or megasound\$4 or macrosonic\$4 or macrosound\$4)) same (hearing or hear or audio or ear)	US-PGPUB; USPAT	OR	ON	2008/06/15 09:33
S8	15	((optical or laser or light) near5 (waveguide or guide or fiber or fibre)) same (vibrat\$6 or acoustic\$4 or sonic \$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or microsonic\$4 or microsound\$4 or megasonic\$4 or megasound\$4 or macrosonic\$4 or macrosound\$4)) same (frequency near3 resonan\$4)) same array	US-PGPUB; USPAT	OR	ON	2008/06/15 09:33
S9	25	((optical or laser or light) near5 (waveguide or guide or fiber or fibre)) same (vibrat\$6 or acoustic\$4 or sonic \$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or microsonic\$4 or microsound\$4 or megasonic\$4 or megasound\$4 or macrosonic\$4 or macrosound\$4)) same (hearing or hear or audio or ear)) same array	US-PGPUB; USPAT	OR	ON	2008/06/15 09:33

S10	20	((optical or laser or light) same ((resonator or cantilever or microcantilever or microresonator) with array)) same (vibrat\$6 or acoustic\$4 or sonic \$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or microsonic\$4 or microsound\$4 or megasonic\$4 or megasound\$4 or macrosonic\$4 or macrosound\$4)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 09:33
S11	61	((((optical or laser or light) near5 (waveguide or guide or fiber or fibre)) same (vibrat\$6 or acoustic\$4 or sonic \$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or microsonic\$4 or microsound\$4 or megasonic\$4 or megasound\$4 or macrosonic\$4 or macrosound\$4)) same (frequency near3 resonan\$4)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 09:33
S12	78	((((optical or laser or light) near5 (waveguide or guide or fiber or fibre)) same (vibrat\$6 or acoustic\$4 or sonic \$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or microsonic\$4 or microsound\$4 or megasonic\$4 or megasound\$4 or macrosonic\$4 or macrosound\$4)) same (hearing or hear or audio or ear)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 09:33

S13	1	(((((optical or laser or light) near5 (waveguide or guide or fiber or fibre)) same (vibrat\$6 or acoustic\$4 or sonic \$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or microsonic\$4 or microsound\$4 or megasonic\$4 or megasound\$4 or macrosonic\$4 or macrosound\$4)) same (frequency near3 resonan\$4)) same array	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 09:33
S14	3	(((((optical or laser or light) near5 (waveguide or guide or fiber or fibre)) same (vibrat\$6 or acoustic\$4 or sonic \$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or microsonic\$4 or microsound\$4 or megasonic\$4 or megasound\$4 or macrosonic\$4 or macrosound\$4)) same (hearing or hear or audio or ear)) same array	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 09:33
S15	1	(((((optical or laser or light) near5 (waveguide or guide or fiber or fibre)) same (vibrat\$6 or acoustic\$4 or sonic \$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or microsonic\$4 or microsound\$4 or megasonic\$4 or megasound\$4 or macrosonic\$4 or macrosound\$4)) same (frequency near3 resonan\$4)) same	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 09:33

	(hearing or hear or audio or ear)				
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